

Substitute for Form
PTO-1390

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

013235-019

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/536,987

INTERNATIONAL APPLICATION NO. PCT/GB03/05227	INTERNATIONAL FILING DATE 12/01/2003	PRIORITY DATE CLAIMED 11/29/2002
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TITLE OF INVENTION

CHILLER REFRIGERANTS

APPLICANT(S) FOR DO/EO/US

Neil Andre ROBERTS and Owen Ross CHAMBERS

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission to items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below.
4. The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 21 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A FIRST preliminary amendment.
14. A SECOND or SUBSEQUENT preliminary amendment.
15. A substitute specification.
16. A change of power of attorney and/or address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.
18. A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. Other items or information: Form PTO-1449 (1 pp.); International Search Report (4 pp.); British Search Report (1 pp.); References (9); Return Copy - Notification of Missing Requirements (2 pp.)

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/536,987	INTERNATIONAL APPLICATION NO. PCT/GB03/05227	ATTORNEY'S DOCKET NUMBER 013235-019																																																																																													
<p>21. <input type="checkbox"/> Applicant(s) requests that the published application include the following assignment information:</p> <hr/> <hr/> <hr/>		CALCULATIONS PTO USE ONLY																																																																																													
<p>22. <input type="checkbox"/> The following fees are submitted:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Basic Filing Fee (1631)</td> <td style="text-align: right;">\$ 300.00</td> </tr> <tr> <td colspan="2">Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).</td> <td style="text-align: right;"><input type="checkbox"/> 20 <input type="checkbox"/> 30</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">CLAIMS NUMBER FILED NUMBER EXTRA RATE \$</td> </tr> <tr> <td>Total Claims</td> <td>-20 =</td> <td>0</td> <td>$\times \\$50.00 \text{ (1615)}$</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td>Independent Claims</td> <td>- 3 =</td> <td>0</td> <td>$\times \\$200.00 \text{ (1614)}$</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td style="text-align: right;">$^+ \\$360.00 \text{ (1616)}$</td> <td></td> <td></td> </tr> <tr> <td colspan="2">Examination Fee</td> <td style="text-align: right;">$^+ \\$200.00 \text{ (1633)}$</td> <td style="text-align: right;">\$ 200.00</td> <td></td> </tr> <tr> <td colspan="2">Search Fee</td> <td style="text-align: right;">$^+ \\$500.00 \text{ (1632)}$</td> <td style="text-align: right;">\$ 400.00</td> <td></td> </tr> <tr> <td colspan="2">App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right; font-weight: bold;">TOTAL OF ABOVE CALCULATIONS</td> <td style="text-align: right;">\$ 900.00</td> <td></td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</td> <td style="text-align: right; vertical-align: bottom;">$+ \quad \quad \quad \quad \quad \quad$</td> <td style="text-align: right; vertical-align: bottom;">SUBTOTAL =</td> <td style="text-align: right; vertical-align: bottom;">\$ 900.00</td> </tr> <tr> <td colspan="2">Processing fee of \$130.00 (1618) for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td style="text-align: right;"><input type="checkbox"/> 20 <input type="checkbox"/> 30</td> <td style="text-align: right;">\$ 0.00</td> <td></td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right; vertical-align: bottom;">TOTAL NATIONAL FEE =</td> <td style="text-align: right; vertical-align: bottom;">\$ 900.00</td> <td></td> </tr> <tr> <td colspan="2">Fee for recording the enclosed assignment (37 CFR 1.21(h)). 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A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Charge _____ to credit card. Form PTO-2038 is attached.</p> </td> </tr> <tr> <td colspan="5"> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> </td> </tr> <tr> <td colspan="5"> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Buchanan Ingersoll PC Including attorneys from Burns, Doane, Swecker & Mathis P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620</p> </td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center;">SIGNATURE</td> <td colspan="2">  <u>George F. Lesmes</u> NAME </td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center;">19,995</td> <td colspan="2"> <u>11/03/2005</u> REGISTRATION NO. 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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
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 Alexandria, Virginia 22313-1450
www.uspto.gov

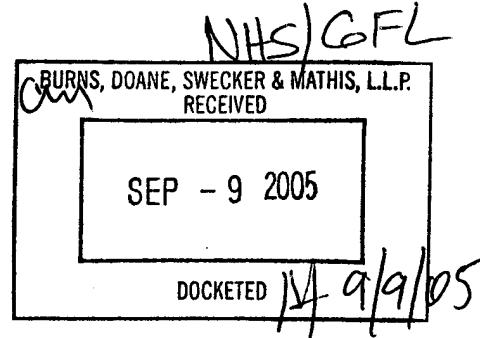
U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/536,987	Ross Owen	013235-019
INTERNATIONAL APPLICATION NO.		
PCT/GB03/05227		
I.A. FILING DATE		PRIORITY DATE
12/01/2003		11/29/2002
CONFIRMATION NO. 1005		
371 FORMALITIES LETTER		
OC000000016960694		
OC000000016960694		

Date Mailed: 09/08/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 05/31/2005
- Preliminary Amendments filed on 05/31/2005
- Oath or Declaration filed on 05/31/2005
- Request for Immediate Examination filed on 05/31/2005
- U.S. Basic National Fees filed on 05/31/2005
- Priority Documents filed on 05/31/2005
- Specification filed on 05/31/2005
- Claims filed on 05/31/2005
- Drawings filed on 05/31/2005



The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed

Ross missing parts due 11/8/05

to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

LAMONT M HUNTER

Telephone: (703) 308-9140 EXT 201

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/536,987	PCT/GB03/05227	013235-019

FORM PCT/DO/EO/905 (371 Formalities Notice)